

Dear Jeshua,

This is an appendix to my letter of yesterday, where I forgot to tell you about lysozyme agglutination. Lysozyme was tried for its effect on F+ transduction, and it was found that it strongly decreased transduction. It was later found that lysozyme agglutinates cells (both F+ and F-): a concentration of 1/200 of lysozyme gives almost immediate agglutination on the slide; a trace of agglutination is found with 1/1600 on slide, reading within 5'. The effect on recombination was not tested; I should be interested to know if it increases the rate. Agglutination of cells, when observed at the microscope, is very tough: cells are closely packed. Smaller dilutions are active on more prolonged incubation, especially if some shaking (rolling) is used.

Yours

*Luca*

13.xi.52